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(54) Title: MODIFIED FIBER PROTEINS FOR EFFICIENT RECEPTOR BINDING

(57) Abstract: Recombinant detargeted and retargeted adenovirus viral particles and vectors are provided. In particular, modified fibers from adenoviruses that bind to coxsackie-adenovirus receptor (CAR) *in vivo* that contain modifications in the fiber shaft are provided. Adenovirus (Ad) particles that express such fibers exhibit reduced binding to CAR. Hence detargeted Ad particles are provided; also provided are retargeted particles.

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